

FORM PTO-1390 (REV 1-98)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 81844.0034 <b>10/528368</b> U.S. APPLICATION NUMBER (if known, see 37 C.F.R. 1.5) Not Known	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371					
INTERNATIONAL APPLICATION NO. PCT/JP03/11322		INTERNATIONAL FILING DATE September 4, 2003		PRIORITY DATE CLAIMED September 20, 2002	
TITLE OF INVENTION Proton Conducting Polymer Film and Method for Production Thereof					
APPLICANT(S) FOR DO/EO/US Hidekazu KUROMATSU, Tomokazu YAMANE and Kiyoyuki NAMURA					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</p> <p>4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</p> <p>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</p> <p>b. <input type="checkbox"/> have been transmitted by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>Items 11. to 16. below concern document(s) or information included:</p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</p> <p><input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> A substitute specification.</p> <p>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>16. <input type="checkbox"/> Other items or information:</p>					
<p>Repln. Ref: 07/18/2005 PROOKER 001605400  DA# 501314 Name/Number: 10528368  FC: 9204 \$100.00 CR</p>					

Transmittal Letter to the United States Designated Office (DO/US)—Entry Into National Stage under 35 U.S.C. 371—PTO 1390 [13-7]

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) <b>10/528368</b>		INTERNATIONAL APPLICATION NUMBER PCT/JP03/12322		ATTORNEY'S DOCKET NUMBER 81844.0034	
17. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5)):</b> Basic National Fee ..... \$300 National Stage Search Fee ..... \$500 National Stage Examination Fee ..... \$200  <b>TOTAL FEE AMOUNT =</b>				<b>CALCULATIONS PTO USE ONLY</b>	
				\$ 1000.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).				\$ 0	
CLAIMS	NUMBER FILED	NUMBER ALLOWED	NUMBER EXTRA	RATE	
Total claims	48	20	28	X \$50.00	1400
Independent claims	4	3	1	X \$200.00	200
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				X \$360.00	360
SIZE FEE 77 (TOTAL PAGES OF SPEC AND DRAWINGS TOGETHER)		\$250 for each additional 50 sheets		X \$250.00	0
<b>TOTAL OF ABOVE CALCULATIONS =</b>				2960	
<input type="checkbox"/> Applicant claims small entity status. See 37 C.F.R. § 1.27. The fees indicated above are reduced by 1/2.				\$ 0	
<b>SUBTOTAL =</b>				2960	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)). <input type="checkbox"/> 20 <input type="checkbox"/> +				\$ 0	
<b>TOTAL NATIONAL FEE =</b>				2960	
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property +				\$ 40	
<b>TOTAL FEES ENCLOSED =</b>				3000	
\$				Amt. Refunded	\$
				Amt. charged	
<p>a. <input checked="" type="checkbox"/> Checks in the amounts of <u>\$2960</u> and <u>40</u> to cover the above fees are enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. 50-1314 in the amount of <u>0</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1314. A duplicate copy of this sheet is enclosed.</p> <p><b>NOTE:</b> Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> <p><b>SEND ALL CORRESPONDENCE TO:</b></p> <p><input checked="" type="checkbox"/> Customer Number <b>000026021</b> →</p> <p>HOGAN &amp; HARTSON L.L.P. 500 South Grand Avenue, Suite 1900 Los Angeles, California 90071 Phone: 213-337-6700 Fax: 213-337-6701</p> <p><i>Dariusz G. Adiec</i> SIGNATURE Ref: 07/18/2005 DBOOKER 0016054800 Dariusz G. Adiec REG. NO. 51,386 Express Mail Label No. EV 667 739 007 US Date: March 18, 2005</p>					

Transmittal Letter to the United States Designated Office (DO/US)—Entry Into National Stage under 35 U.S.C. 371—PTO 1390 [13-7]

10/528368

PATENT

Attorney Docket No: 81844.0034

JC05 Rec'd PCT/PTO 18 MAR 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

KUROMATSU, et al.

Serial No: Not Assigned

Filed: March 18, 2005

For: Proton Conducting Polymer Film and Method for  
Production Thereof

Art Unit: Not Assigned

Examiner: Not Assigned

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL"Express Mail" Mailing Label No. EV 667 739 007 US

Date of Deposit: March 18, 2005

Mail Stop

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- ☒ two copies of a letter of transmittal
- ☒ check in amount of \$ 2960.00 as filing fee
- ☒ check in amount of \$ 40.00 as assignment recordation fee
- ☒ patent application ( 67 page(s) of specification; 48 claim(s); 1 page(s) of abstract
- ☒ 9 sheet(s) of formal drawings
- ☒ executed Declaration and Power of Attorney
- ☒ assignment of the invention to KANEKA CORPORATION
- ☒ Preliminary Amendment
- ☒ Information Disclosure Statement with 19 references
- ☒ return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

Mail Stop

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Date: March 18, 2005

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Christopher N. Bostrom

Name of person mailing papers



Signature